

CLAIMS

1. A polyacetal composition having excellent wear resistance and abruption-preventing effect, comprising:

(A) 100 parts by weight of a polyoxymethylene homopolymer having a
 5 monomeric unit represented by the following Formula 1 or a
 polyoxymethylene random copolymer having a monomeric unit of the
 Formula 1 and a monomeric unit represented by the following Formula
 2;

(B) 0.01-1.0 parts by weight of an antioxidant;

10 (C) 0.01-1.0 parts by weight of a thermal stabilizer;

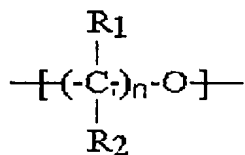
(D) 0.5-5.0 parts by weight of a polyethylene vinylacetate copolymer
 represented by the following Formula 3; and

(E) 0.1-2.0 parts by weight of hydroxyl pentaerythritol fatty acid ester
 represented by the following Formula 4:

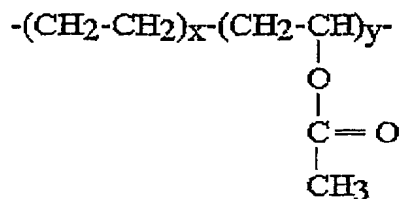
15 Formula 1



Formula 2

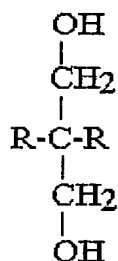


Formula 3



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Formula 4



Where R_1 and R_2 , which are the same or different, each represent hydrogen, an alkyl group and an aryl group; n represents an integer of 2-6; x represents a content of polyethylene in the range of 97-59 parts by weight and y represents a content of vinylacetate in the range of 3-41 parts by weight; and R is $-\text{CH}_2-\text{O}-\text{CO}-\text{C}_A\text{H}_B$ in which A is an integer of 8-19 and B is an integer of 17-39.

2. The composition as defined in claim 1, wherein the polyethylene vinylacetate copolymer contains 20-41 parts by weight of vinylacetate.
3. The composition as defined in claim 1, wherein the polyethylene vinylacetate copolymer has specific gravity of 0.93-0.98.
4. A molded article of the polyacetal resin composition of any one of claims 1 to 3.
5. The molded article as defined in claim 4, wherein the molded article is various gears of electric, electronic and automotive fields, vertical blinder parts or conveyer belts.